

IN THE CLAIMS:

Claim 1. (Original) Apparatus for recovering water for an electrical/fuel-cell system in a vehicle, wherein a cooling circuit of one of a vehicle radiator and a vehicle air-conditioning system is coupled via a heat exchanger to at least one exhaust-gas stream of the electrical/fuel-cell system.

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Claim 2. (Original) The apparatus according to Claim 1, wherein the exhaust-gas stream of the electrical/fuel-cell system comprises at least one of an anode exhaust-gas stream, and a cathode exhaust-gas stream and an exhaust-gas stream from a gas generation system.

Claim 3. (Original) The apparatus according to Claim 1, wherein a condensate trap is arranged downstream of the heat exchanger in the exhaust-gas stream or streams.

Claim 4. (Currently Amended) The apparatus according to Claim 1, wherein the cooling circuit contains a pump that allows circulation of the coolant [[of]] in the cooling circuit.

Claim 5. (Original) The apparatus according to Claim 1, wherein the cooling circuit can be coupled to at least one exhaust-gas stream of the electrical/fuel-cell system as a function of temperature of the vehicle radiator.

Claim 6. (Original) The apparatus according to Claim 5, wherein the electrical/fuel-cell system is coupled to a battery.

Claim 7. (Currently Amended) A method of operating a device for recovering water for an electrical/fuel cell system in a vehicle having a fuel cell coupled to an electric energy accumulator, and a cooling circuit for at least one of a vehicle radiator and a vehicle air conditioning system, comprising:

cooling at least one exhaust gas stream ~~from~~ of said fuel cell in a heat exchanger that is coupled to transfer heat from said exhaust gas stream to said cooling circuit; and

collecting water precipitated from cooled gases in said exhaust gas stream. [[:]]

~~operating said fuel cell when a temperature in said cooling circuit is below a preset value; and~~

~~supplying power from said electric energy accumulator when the temperature in the cooling circuit exceeds said preset value.~~

Claim 8. (Original) The method according to Claim 7, wherein heat supplied to the cooling circuit of the vehicle radiator from the at least one

exhaust-gas stream is used for one of preheating an engine and for auxiliary heating.

Claim 9. (Currently Amended) Apparatus for recovering water for an electrical/fuel cell system having at least one output exhaust gas stream, in a vehicle having a cooling circuit for one of a vehicle radiator and a vehicle air conditioner, said apparatus comprising:

a heat exchanger connected between said at least one ~~of said at least one~~ exhaust gas stream and said cooling circuit, for cooling said at least one exhaust gas stream by transferring heat therefrom to said cooling circuit; and

a condensate recovery device for recovering water precipitated in said cooled exhaust gas stream.

Claim 10. (Original) The apparatus according to Claim 9, wherein the exhaust-gas stream of the electrical/fuel-cell system comprises at least one of an anode exhaust-gas stream, and a cathode exhaust-gas stream and an exhaust-gas stream from a gas generation system.

Claim 11. (Original) The apparatus according to Claim 9, wherein said at least one exhaust gas stream is interruptibly coupled in heat transfer communication with said cooling circuit, as a function of a temperature of the vehicle radiator.

Claim 12. (New) The method according to Claim 7, further comprising:

operating said fuel cell when a temperature in said cooling circuit is below a preset value; and

supplying power from said electric energy accumulator when the temperature in the cooling circuit exceeds said preset value.

Claim 13. (New) A vehicle system comprising:

a1 a cooling circuit which is part of one of a vehicle radiator system and a vehicle air conditioner system;

an electric generating system having an outlet for discharging an exhaust gas stream;

a heat exchanger coupled in heat transfer relationship between said exhaust gas stream and said cooling circuit, whereby said exhaust gas stream is cooled and water is precipitated therefrom;

means for collecting said water that is precipitated from said exhaust gas stream.
